

CLAIMS

What is claimed is:

1. A method for controlling call logging, comprising:

detecting a context for a call;

accessing at least one context based logging request valid for said context for said call; and

logging said context according to said context based logging request.

2. The method for controlling call logging according to claim 1, wherein said context is detected from a context inference service executing within a trusted telephone network.

3. The method for controlling call logging according to claim 1, wherein said context is detected from a context inference service executing outside a trusted telephone network accessible via a network.

4. The method for controlling call logging according to claim 1, wherein detecting a context for a call further comprises:

detecting a plurality of context clues for a call; and

identifying a context for said call from said plurality of

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context clues.

5. The method for controlling call logging according to claim 4, wherein said plurality of context clues comprise at least one from among an authenticated identity of a caller of said call, an authenticated identity of a callee of said call, an identity of an origin device, an identity of a destination device, a location said call originates, and a location said call terminates, a subject matter of said call, a context of previous calls between said caller and said callee, and a line number path of said call.

6. The method for controlling logging according to claim 4, wherein identifying a context further comprises:

inferring from said context clues at least one from among who is placing said call, who is receiving said call, whether said call is behalf of another, whether a backup party is accessed, at least one device utilized for said call, a location of said at least one device utilized for said call, a billing plan for said call, a path of line numbers accessed during said call, and a subject matter of said call.

7. The method for controlling call logging according to claim 1, wherein said at least one context based logging request is requested by at least one from among a party to said call, a party called on behalf of for said call, a third party, and a guardian of a party to said call.

8. The method for controlling call logging according to claim

1, wherein said at least one context based logging request identifies at least one context based criteria for logging said context of said call.

9. The method for controlling call logging according to claim 1, further comprising:

recording said call according to said context based logging request.

10. The method for controlling call logging according to claim 9, further comprising:

notifying at least one party to said call that said call is being recorded.

11. The method for controlling call logging according to claim 1, further comprising:

notifying at least one party to said call that said context for said call is being logged.

12. The method for controlling call logging according to claim 1, further comprising:

notifying at least one party to said call of a designated party for which said context is being logged.

13. The method for controlling call logging according to claim

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1, further comprising:

responsive to detecting an update to said context during said call, updating said logging of said context.

14. The method for controlling call logging according to claim 1, further comprising:

controlling output of said logged context to a party making said logged context request.

15. The method for controlling call logging according to claim 1, further comprising:

filtering a plurality of context based logging requests for a plurality of parties according to said context;

detecting a selection of said plurality of context based logging request that are relevant for said context; and

determining said at least one context based logging request that is valid for said context for said call.

16. A system for controlling call logging, comprising:

a logging controller communicatively connected to a trusted telephone network;

means for detecting a context for a call at said logging

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controller;

means for accessing at least one context based logging request valid for said context for said call; and

means for logging said context according to said context based logging request.

17. The system for controlling call logging according to claim 16, wherein said context is detected from a context inference service executing within said trusted telephone network.

18. The system for controlling call logging according to claim 16, wherein said context is detected from a context inference service executing outside said trusted telephone network accessible via a network.

19. The system for controlling call logging according to claim 16, wherein said means for detecting a context for a call further comprises:

means for detecting a plurality of context clues for a call; and

means for identifying a context for said call from said plurality of context clues.

20. The system for controlling call logging according to claim 19, wherein said plurality of context clues comprise at least one

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from among an authenticated identity of a caller of said call, an authenticated identity of a callee of said call, an identity of an origin device, an identity of a destination device, a location said call originates, and a location said call terminates, a subject matter of said call, a context of previous calls between said caller and said callee, and a line number path of said call.

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21. The system for controlling call logging according to claim 20, wherein said means for identifying a context further comprises:

means for inferring from said context clues at least one from among who is placing said call, who is receiving said call, whether said call is behalf of another, whether a backup party is accessed, at least one device utilized for said call, a location of said at least one device utilized for said call, a billing plan for said call, a path of line numbers accessed during said call, and a subject matter of said call.

22. The system for controlling call logging according to claim 16, wherein said at least one context based logging request is requested by at least one from among a party to said call, a party called on behalf of for said call, a third party, and a guardian of a party to said call.

23. The system for controlling call logging according to claim 16, wherein said at least one context based logging request identifies at least one context based criteria for logging said context of said call.

24. The system for controlling call logging according to claim 16, further comprising:

means for recording said call according to said context based logging request.

25. The system for controlling call logging according to claim 24, further comprising:

means for notifying at least one party to said call that said call is being recorded.

26. The system for controlling call logging according to claim 16, further comprising:

means for notifying at least one party to said call that said context for said call is being logged.

27. The system for controlling call logging according to claim 16, further comprising:

means for notifying at least one party to said call of a designated party for which said context is being logged.

28. The system for controlling call logging according to claim 16, further comprising:

means for responsive to detecting an update to said context during said call, updating said logging of said context.

29. The system for controlling call logging according to claim 16, further comprising:

means for controlling output of said logged context to a party making said logged context request.

30. The system for controlling call logging according to claim 29, further comprising:

means for filtering a plurality of context based logging requests for a plurality of parties according to said context;

means for detecting a selection of said plurality of context based logging request that are relevant for said context; and

means for determining said at least one context based logging request that is valid for said context for said call.

31. A computer program product for controlling call logging, comprising:

a recording medium;

means, recorded on said recording medium, for detecting a context for a call;

means, recorded on said recording medium, for accessing at least one context based logging request valid for said context

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means, recorded on said recording medium, for notifying at

least one party to said call that said context for said call is being logged.

37. The computer program product for controlling call logging according to claim 31, further comprising:

means, recorded on said recording medium, for notifying at least one party to said call of a designated party for which said context is being logged.

38. The computer program product for controlling call logging according to claim 31, further comprising:

means, recorded on said recording medium, updating said logging of said context according to an updated to said context during said call.

39. The computer program product for controlling call logging according to claim 31, further comprising:

means, recorded on said recording medium, for controlling output of said logged context to a party making said logged context request.

40. The computer program product for controlling call logging according to claim 29, further comprising:

means, recorded on said recording medium, for filtering a plurality of context based logging requests for a plurality of

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parties according to said context;

means, recorded on said recording medium, for detecting a selection of said plurality of context based logging request that are relevant for said context; and

means, recorded on said recording medium, for determining said at least one context based logging request that is valid for said context for said call.

41. A method for controlling call receipts, comprising:

logging a context entry of a call for a particular party according to said context meeting a context criteria of a logging request; and

responsive to a request by said particular party, controlling output of said logged context entry to said particular party as a receipt for said call.

42. The method for controlling call receipt according to claim 41, wherein said request comprises at least one parameter for selecting said context entry.

43. The method for controlling call receipt according to claim 41, wherein said logged context entry is output to at least one from among a telephony device, a computing system, or a printer.

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44. A system for controlling call receipts, comprising:

means for logging a context entry of a call for a particular party according to said context meeting a context criteria of a logging request; and

means responsive to a request by said particular party, for controlling output of said logged context entry to said particular party as a receipt for said call.

45. The system for controlling call receipt according to claim 44, wherein said request comprises at least one parameter for selecting said context entry.

46. The system for controlling call receipt according to claim 44, wherein said logged context entry is output to at least one from among a telephony device, a computing system, or a printer.

47. A computer program product for controlling call receipts, comprising:

a recording medium;

means, recorded on said recording medium, for logging a context entry of a call for a particular party according to said context meeting a context criteria of a logging request; and

means, recorded on said recording medium, for controlling output of said logged context entry to a requesting party as a

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receipt for said call.

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